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Protein

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Structure

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for

Limits

Preview/Index

History

Clipboard

Details

default

☐ 1: AAC39514. auxin transport p...  
[gi:3377509]

BLink, Nucleotide, Related Sequences, PubMed, Taxonomy,  
LinkOut

LOCUS AAC39514 595 aa PLN 03-AUG-1998  
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 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;  
 Ehrhartoideae; Oryzeae; Oryza.  
 REFERENCE 1 (residues 1 to 595)  
 AUTHORS Luschnig,C., Gaxiola,R.A., Grisafi,P. and Fink,G.R.  
 TITLE EIR1, a root-specific protein involved in auxin transport, is  
 required for gravitropism in arabidopsis thaliana  
 JOURNAL Genes Dev. 12 (14), 2175-2187 (1998)  
 MEDLINE 98344010  
 REFERENCE 2 (residues 1 to 595)  
 AUTHORS Luschnig,C., Grisafi,P. and Fink,G.R.  
 TITLE Direct Submission  
 JOURNAL Submitted (30-MAR-1998) Whitehead Institute for Biomedical  
 Research, Nine Cambridge Center, Cambridge, MA 02142, USA  
 COMMENT Method: conceptual translation supplied by author.  
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 Limits Preview/Index History Clipboard Details

☐ 1: AAC39513. auxin transport p...  
[gi:3377507]

Blink, Nucleotide, Related Sequences, PubMed, Taxonomy,  
LinkOut

LOCUS AAC39513 647 aa PLN 03-AUG-1998  
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 Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE 1 (residues 1 to 647)  
 AUTHORS Luschnig,C., Gaxiola,R.A., Grisafi,P. and Fink,G.R.  
 TITLE EIR1, a root-specific protein involved in auxin transport, is  
 required for gravitropism in arabidopsis thaliana  
 JOURNAL *Genes Dev.* 12 (14), 2175-2187 (1998)  
 MEDLINE 98344010  
 REFERENCE 2 (residues 1 to 647)  
 AUTHORS Luschnig,C., Grisafi,P. and Fink,G.R.  
 TITLE Direct Submission  
 JOURNAL Submitted (30-MAR-1998) Whitehead Institute for Biomedical  
 Research, Nine Cambridge Center, Cambridge, MA 02142, USA  
 COMMENT Method: conceptual translation supplied by author.  
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Protein

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Structure

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Protein

for

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History

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Details

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☐ 1: AAD04376. putative auxin ef...  
[gi:4151319]

BLink, Nucleotide, Related Sequences, PubMed, Taxonomy,  
LinkOut

LOCUS AAD04376 622 aa PLN 13-JAN-1999  
DEFINITION putative auxin efflux carrier protein; AtPIN1 [Arabidopsis thaliana].  
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VERSION AAD04376.1 GI:4151319  
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ORGANISM Arabidopsis thaliana  
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
REFERENCE 1 (residues 1 to 622)  
AUTHORS Galweiler, L., Guan, C., Mueller, A., Wisman, E., Mendgen, K., Yephremov, A. and Palme, K.  
TITLE Regulation of polar auxin transport by AtPIN1 in Arabidopsis vascular tissue  
JOURNAL Science 282 (5397), 2226-2230 (1998)  
MEDLINE 99074368  
REFERENCE 2 (residues 1 to 622)  
AUTHORS Gaelweiler, L., Changhui, G., Mueller, A., Wisman, E. and Palme, K.  
TITLE Direct Submission  
JOURNAL Submitted (26-AUG-1998) MDL in der Max-Planck-Gesellschaft, Carl-von-Linne-Weg 10, Cologne 50829, Germany  
COMMENT Method: conceptual translation.  
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601 avifgmlial pitllyyill gl
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Revised: October 24, 2001.

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ID O81215 PRELIMINARY; PRT; 595 AA.  
AC O81215;  
DT 01-NOV-1998 (TrEMBLrel. 08, Created)  
DT 01-NOV-1998 (TrEMBLrel. 08, Last sequence update)  
DT 01-NOV-1998 (TrEMBLrel. 08, Last annotation update)  
DE AUXIN TRANSPORT PROTEIN REH1.  
GN REH1.  
OS Oryza sativa (Rice).  
OC Eukaryota; Viridiplantae; Embryophyta; Tracheophyta; Spermatophyta;  
OC Magnoliophyta; Liliopsida; Poales; Poaceae; Oryza.  
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RP SEQUENCE FROM N.A.  
RX MEDLINE=98344010; PUBMED=9679062;  
RA Luschnig C., Gaxiola R.A., Grisafi P., Fink G.R.;  
RT "EIR1, a root-specific protein involved in auxin transport, is  
RT required for gravitropism in Arabidopsis thaliana.";  
RL Genes Dev. 12:2175-2187(1998).  
DR EMBL; AF056027; AAC39514.1; -.  
SQ SEQUENCE 595 AA; 64717 MW; 81703D7382CEC2A8 CRC64;

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XP-002146833

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Nucleotide

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Genome

Structure

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Search

Protein

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Clear

Limits

Preview/Index

History

Clipboard

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☐ 1: AAC67319. putative auxin tr...  
[gi:3785972]

BLink, Nucleotide, Related Sequences, PubMed, Taxonomy,  
LinkOut

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 Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE 1 (residues 1 to 616)  
 AUTHORS Lin,X., Kaul,S., Rounsley,S.D., Shea,T.P., Benito,M.-I., Town,C.D.,  
 Fujii,C.Y., Mason,T.M., Bowman,C.L., Barnstead,M.E.,  
 Feldblyum,T.V., Buell,C.R., Ketchum,K.A., Lee,J.J., Ronning,C.M.,  
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 Tallon,L.J., Gill,J.E., Adams,M.D., Carrera,A.J., Creasy,T.H.,  
 Goodman,H.M., Somerville,C.R., Copenhaver,G.P., Preuss,D.,  
 Nierman,W.C., White,O., Eisen,J.A., Salzberg,S.L., Fraser,C.M. and  
 Venter,J.C.  
 TITLE Sequence and analysis of chromosome 2 of the plant *Arabidopsis*  
*thaliana*  
 JOURNAL Nature 402 (6763), 761-768 (1999)  
 MEDLINE 20083487  
 PUBMED 10617197  
 REFERENCE 2 (residues 1 to 616)  
 AUTHORS Lin,X.  
 TITLE Direct Submission  
 JOURNAL Submitted (09-MAR-2000) The Institute for Genomic Research, 9712  
 Medical Center Dr., Rockville, MD 20850, USA  
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Protein

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Structure

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for

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Limits

Preview/Index

History

Clipboard

Details

Display

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☐ 1: T02876. probable auxin tr...[gi:7489524]

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 PIR dates: 24-Mar-1999 #sequence\_revision 24-Mar-1999 #text\_change  
 21-Jul-2000.

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 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;  
 Ehrhartoideae; Oryzeae; Oryza.

REFERENCE 1 (residues 1 to 595)  
 AUTHORS Luschnig,C., Gaxiola,R.A., Grisafi,P. and Fink,G.R.  
 TITLE EIR1, a root-specific protein involved in auxin transport, is  
 required for gravitropism in Arabidopsis thaliana  
 JOURNAL Genes Dev. 12 (14), 2175-2187 (1998)  
 MEDLINE 98344010

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20

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1: AAD55507. auxin transport p...[gi:5902405]

BLink, Domains, Links

LOCUS AAD55507 640 aa linear PLN 16-SEP-1999  
 DEFINITION auxin transport protein [Arabidopsis thaliana].  
 ACCESSION AAD55507  
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 Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE 1 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
 Altafi,H., Araujo,R., Huizar,L., Rowley,D., Buehler,E., Dunn,P.,  
 Gonzalez,A., Kremenetskaia,I., Kim,C., Lenz,C., Li,J., Liu,S.,  
 Luros,S., Schwartz,J., Shinn,P., Toriumi,M., Vysotskaia,V.S.,  
 Walker,M., Yu,G., Ecker,J., Theologis,A. and Davis,R.W.  
 JOURNAL Unpublished  
 REFERENCE 2 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
 Altafi,H., Araujo,R., Huizar,L., Rowley,D., Buehler,E., Dunn,P.,  
 Gonzalez,A., Kremenetskaia,I., Kim,C., Lenz,C., Li,J., Liu,S.,  
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 TITLE Direct Submission  
 JOURNAL Submitted (27-JUL-1999) DNA Sequencing and Technology Center,  
 Stanford University, 855 California Avenue, Palo Alto, CA 94304,  
 USA  
 REFERENCE 3 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
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 Walker,M., Yu,G., Ecker,J., Theologis,A. and Davis,R.W.  
 TITLE Direct Submission  
 JOURNAL Submitted (03-AUG-1999) DNA Sequencing and Technology Center,  
 Stanford University, 855 California Avenue, Palo Alto, CA 94304,  
 USA  
 REFERENCE 4 (residues 1 to 640)  
 AUTHORS Federspiel,N.A., Palm,C.J., Conway,A.B., Conn,L., Hansen,N.F.,  
 Altafi,H., Araujo,R., Huizar,L., Rowley,D., Brooks,S., Buehler,E.,  
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 Lenz,C., Li,J., Liu,S., Luros,S., Schwartz,J., Shinn,P.,  
 Toriumi,M., Vyotskaia,V., Yu,G., Ecker,J., Theologis,A. and  
 Davis,R.W.  
 TITLE Direct Submission

JOURNAL - Submitted (16-SEP-1999) DNA Sequencing and Technology Center,  
Stanford University, 855 California Avenue, Palo Alto, CA 94304,  
USA

COMMENT Method: conceptual translation supplied by author.

FEATURES Location/Qualifiers

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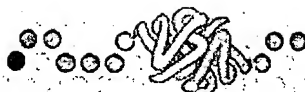
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//

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[NCBI](#) | [NLM](#) | [NIH](#)

Mar 17 2003 10:55:57



PubMed

Nucleotide

Protein

Genome

Structure

PopSet

Taxonomy

OMIM

B

Search  for 

Go

Clear

Limits

Preview/Index

History

Clipboard

Details





☐ 1: AAD52695. auxin transport p...[gi:5817301] BLink, Nucleotide, Related Sequences, Taxonomy, LinkOut

LOCUS AF087818\_1 640 aa PLN 02-SEP-1999  
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 PID g5817301  
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 ORGANISM *Arabidopsis thaliana*  
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;  
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;  
 Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis.  
 REFERENCE 1 (residues 1 to 640)  
 AUTHORS Friml,J., Wisniewska,J. and Palme,K.  
 TITLE PIN gene family in Arabidopsis thaliana  
 JOURNAL Unpublished  
 REFERENCE 2 (residues 1 to 640)  
 AUTHORS Friml,J., Wisniewska,J. and Palme,K.  
 TITLE Direct Submission  
 JOURNAL Submitted (28-AUG-1998) MDL, MPIZ, Carl von Linne Weg 10, Koeln  
 50829, Germany  
 COMMENT Method: conceptual translation.  
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## ORIGIN

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